

Physical Science Composite Teaching -Secondary Education Licensure, BS

BS Physical Science Program Learning Outcomes

At the successful conclusion of this program, students will be able to:

1. Assess and critique local and global issues based on acquired knowledge in science to formulate solutions to problems.
2. Integrate knowledge of basic fundamental laws, concepts, and theories to apply them to everyday life.
3. Consider the process of science — how scientific knowledge is generated and validated — to make independent, empirical inquiries about the natural world.
4. Evaluate, interpret, and communicate data in the form of tables, graphs, and charts in oral and or written form.
5. Create individual lesson plans and activities reflecting the curriculum and informed by best practices in pedagogy and technology.